CONTENTS OF VOLUME 109

AMICK, C. J., & J. B. MCLEOD, A Singular Perturbation Problem in Needle Crystals 139

CAPRIZ, G., & E. G. VIRGA, Interactions in General Continua with Microstructure 323

CHOE, J., Index, Vision Number, and Stability of Complete Minimal Surfaces 195

COLEMAN, B. D., & D. C. NEWMAN, On Waves in Slender Elastic Rods . . 39

GALDI, G. P., M. PADULA & K. R. RAJAGOPAL, On the Conditional Stability of the Rest State of a Fluid of Second Grade in Unbounded Domains 173

GIAQUINTA, M., G. MODICA & JIŘÍ SOUČEK, Erratum and Addendum to "Cartesian Currents, Weak Diffeomorphisms and Existence Theorems in Nonlinear Elasticity" 385

HORGAN, C. O., & L. E. PAYNE, On Saint-Venant's Principle in Finite Anti-Plane Shear: An Energy Approach 107

LACHOWICZ, M., & M. PULVIRENTI, A Stochastic System of Particles Modelling the Euler Equations 81

LEVINE, H. A., & P. MEIER, The Value of the Critical Exponent for Reaction-Diffusion Equations in Cones 73

MARRIS, A. W., Unsteady Motions with Steady Streamlines 95

MCLEOD, J. B., see AMICK, C. J. 139

MEIER, P., On the Critical Exponent for Reaction-Diffusion Equations . . 63

MEIER, P., see LEVINE, H. A. 73

MODICA, G., see GIAQUINTA, M. 385

NEWMAN, D. C., see COLEMAN, B. D. 39

PADULA, M., see GALDI, G. P. 173

PAYNE, L. E., see HORGAN, C. O. 107

PODIO-GUIDUGLI, P., & G. VERGARA CAFFARELLI, Surface Interaction Potentials in Elasticity 343

PULVIRENTI, M., see LACHOWICZ, M. 81

RAJAGOPAL, K. R., see GALDI, G. P. 173

RAKOTOSON, J. M., & R. TEMAM, A Co-area Formula with Applications to Monotone Rearrangement and to Regularity 213

ROM-KEDAR, V., & S. WIGGINS, Transport in Two-Dimensional Maps . . 239

ROSAKIS, P., Ellipticity and Deformations with Discontinuous Gradients in Finite Elastostatics 1

SAMOHÝL, I., & M. ŠILHAVÝ, Mixture Invariance and its Applications . . 299

ŠILHAVÝ, M,, see SAMOHÝL, I. 299

SOUČEK, J., see GIAQUINTA, M. 385

TALIAFERRO, S. D., Instability of an Equilibrium in a Potential Field . . 183

TEMAM, R., see RAKOTOSON, J. M. 213

VERGARA CAFFARELLI, G., see PODIO-GUIDUGLI, P. 343

VIRGA, E. G., see CAPRIZ, G. 323

WIGGINS, S., see ROM-KEDAR, V. 239